Application/Control No. Applicant(s)/Patent under Index of Claims Reexamination EATON ET AL. 10/696,864 Examiner Art Unit Marivelisse Santiago-Cordero 2687 (Through numeral) Cancelled Rejected Non-Elected **Appeal** N Α 0 Allowed Restricted Interference Objected

Cla	im	Date								Claim			Date									Cla	Date											
Final	Original	1/27/06									Final		Original											Final	Original									
	1	√	-	4	_				Н	4	$\vdash$	4	51			_		_	4	_	_	4	-		101			<u> </u>	_			_	4	긕
$\vdash$	2	1	$\vdash$	╅	┥	-	$\vdash$	H	Н	$\dashv$	-	+	52		$\vdash$	-	$\dashv$	ᅱ	$\dashv$	$\dashv$	+	$\dashv$	ŀ		102	-	Н	$\vdash$	$\vdash$	$\vdash$	Н	$\dashv$	$\dashv$	$\dashv$
	3	1		╅	-	-	$\vdash$	┥	H	$\dashv$		$\dashv$	53		$\vdash$	$\dashv$	$\dashv$		$\dashv$	$\dashv$	+	$\dashv$	ŀ		103		Н	⊢	┢	Н		$\dashv$		$\dashv$
$\vdash$	4	1		$\dagger$	┪		H		H	$\dashv$	-	+	54		$\vdash$	$\neg$	$\dashv$	$\dashv$	-	$\dashv$	+	$\dashv$	ŀ		104	$\vdash$	Н		$\vdash$			$\dashv$		_
	5	1	-	$\dagger$	┪		Н		H	_	$\vdash$	+	55		Н	$\neg$	$\dashv$	一	-	+	$\dashv$	$\dashv$	ŀ		105	-	Н	H	-	Н	Н		$\dashv$	
	6	1		$\dashv$	ᅥ				H	$\dashv$	-	+	56			-	$\dashv$	一	-	+	$\dashv$	┪	ŀ		106	$\neg$			_	H		$\dashv$		_
	7	1		十	┪		$\vdash$		П			7	57	Н			┪	ヿ	_	十	╅	┪	ŀ		107		Н	$\vdash$	<del>                                     </del>	Н	Н	$\dashv$	一	
	8	4		7	コ					┪		ヿ	58						$\neg$	$\top$	十	ヿ	ı		108		П						$\neg$	
	9	7	П	T								T	59				$\neg$		$\neg$	寸	$\top$	ヿ	ı		109					П			一	
	10	7	П						П			T	60				$\neg$		$\neg$	丁	7	7	Ī		110									$\neg$
	11	7										I	61							丁	_T		ſ		111									
	12	4		$oxed{\int}$								Ī	62							T	$\Box$		1		112									
	13	7		$\prod$						$\Box$		$oxed{\int}$	63						$\Box$	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$	⅃			113									
	14	1	$\Box$					П	Ш				64			$\Box$			$\Box$	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{I}}}$	$oldsymbol{\perp}$	_]			114									
	15	1	Щ	$\perp$	_			Щ	Ш	_		$\perp$	65							$\perp$	$\perp$	_]			115			L					$\Box$	
	16	7	$\sqcup$	4	_		L_	Ш	Ш		_	$\perp$	66	Ш	$\Box$	$\Box$			$\perp$	$\perp$	$\perp$	_			116					Ш			$\Box$	
	17	1	$\sqcup$	4	_		<u>L.</u>	Ш	Ш		<u> </u>	4	67	Ш	Ш				$\perp$	$\perp$		Ц			117		Ш	L	_					
	18	1	$\perp$	4	4		L_	Ш	Ш	_	ļ	4	68	$\Box$	$\Box$		_		_		$\perp$	_	L		118	Щ			_				_	
	19	1		4	$\dashv$		$ldsymbol{ldsymbol{ldsymbol{eta}}}$	Ш	Ш	_	<u> </u>	4	69	Ш	Ц	_	_	_	$\perp$	_	_	_	Ļ		119					Ш			_	
	20	1	-	4	4			Ш	Н	_	<u> </u>	4	70	Щ	Ц	4	_	_	_	_	_	4	Į.		120				L.				_	
	21	1	$\vdash$	4	_			Щ	Н	4	<u> </u>	_	71	Щ	_	4	_	4	_	4	$\dashv$	4			121				_	Ш			_	_
	22	<b>√</b>	$\vdash$	+					$\vdash$	4	<u> </u>	4	72		_				4	-	4	4	ŀ		122				<u> </u>				_	_
<u> </u>	23	√,	$\vdash$	+	4	-	_	-	$\vdash$	-	-	+	73	_	$\dashv$		$\dashv$	-	4	4	+		ŀ		123		$\blacksquare$	Ш	<u> </u>	<u> </u>		$\dashv$	_	
$\vdash$	24 25	1	$\vdash$	+	-	_			⊢	-	$\vdash$	+	74			$\dashv$	$\dashv$	$\dashv$	$\dashv$	-	+	4	ŀ		124	-	Н		<u> </u>	Щ	_	_	_	
	26	7	$\vdash$	+	-		$\vdash$	Н	Н	-	<u> </u>		75						4	+	+	-	╌		125	_	Н	$\vdash$		_	Н	$\dashv$		
<u> </u>	27	7	$\vdash$	╁	┥		-	Н	Н	$\dashv$	-	+	76 77	-		{	$\dashv$	$\dashv$	+	+	+	$\dashv$	ŀ		126	_		$\vdash$	-		$\dashv$	$\dashv$	$\dashv$	_
<u> </u>	28	7	$\vdash$	+	┥	-	-	Н	Н	$\dashv$			78	-	-			-	$\dashv$	+	+	$\dashv$	ŀ		127 128	$\dashv$	Н		-	Н	-	$\dashv$	ᅱ	
	29	Ť	$\vdash$	+	┪	-	$\vdash$	Н	$\vdash$	$\dashv$	$\vdash$		79	Н	-	$\dashv$	$\dashv$	$\dashv$	-+	+	+	$\dashv$	ŀ		129	$\dashv$	-			$\vdash$	$\dashv$	$\dashv$	ᅱ	_
<b>-</b>	30	₹	$\vdash$	$^{+}$	┪		$\vdash$	Н	Н	$\dashv$	$\vdash$	+	80	Н	-	-	ᅱ		$\dashv$	+	+	$\dashv$	ŀ		130	$\dashv$	Н			$\vdash$		$\dashv$	$\dashv$	_
	31	7		+	┪		-	Н	H	$\dashv$	-		81	$\vdash$	-	-	$\dashv$	-	-	$\dashv$	+	$\dashv$	ŀ		131	-		_				$\dashv$	↤	_
	32	Ť	$\vdash$	+	$\dashv$			Н	H	-1	$\vdash$		82		-	-	-	$\dashv$	$\dashv$	$\dashv$	+	$\dashv$	ŀ	-	132	$\dashv$	$\vdash$		$\vdash$	Н	-	$\dashv$	$\dashv$	_
	33		$\vdash$	十	7		П	H	П	$\dashv$			83	$\dashv$		$\neg$	-	$\neg$	_	$\dashv$	$\dashv$	$\dashv$	f		133	$\dashv$	Н	$\vdash$	Н	Н	$\vdash$	$\dashv$	$\dashv$	_
	34		$\vdash$	$\dagger$	7		Н	М	П	$\dashv$			84					$\dashv$	$\dashv$	$\dashv$	$\dashv$	$\dashv$	ı		134	$\dashv$	$\vdash$	$\vdash$	Н	Н	$\vdash$	$\dashv$	$\dashv$	_
	35			$\top$	$\neg$	$\neg$	П	П	П				85			一	$\neg$	$\dashv$	$\neg$	$\dashv$	$\top$	$\dashv$	t		135	$\dashv$	$\Box$	Т	Г	П	$\vdash$		$\dashv$	_
	36			T					П	$\neg$			86			ヿ	$\neg$	$\neg$		一	1	$\dashv$	-		136						$\Box$		一	_
	37			$\top$						$\neg$		$\top$	87							$\neg$	T	┨	1		137							$\neg$	$\dashv$	_
	38			_									88							丁		╗	1		138								$\neg$	
	39			T									89							丁	_1				139									_
	40			I									90												140								╛	
	41			$\perp$	$oldsymbol{\mathbb{J}}$								91				$\Box$		$\Box$	$\Box$					141								J	_
	42												92					$\Box$	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}$	$\Box$	$\Box$				142								$\Box$	
	43			$\perp$	⅃								93						$\Box$	$\perp$	$oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{oldsymbol{ol}}}}}}}}}}}}}}}}}}$	_			143									
<u> </u>	44	Ш	$\perp \perp$	4	Ц	]	Ш	Ш	Ш	_	<u> </u>		94			[		[	$\perp$			$\Box$	[		144							$\Box$		
$\Box$	45			4	_		L	Ш	Ш	$\perp$	<u> </u>		55			[	[		_			$\Box$		]	145									
L	46			4	4		Ш	Ш	Ш	_	<u> </u>		96			_	_	_	$\perp$	$\perp$		$\Box$	Ļ		146				Ш	Ш	Ш	_		
$\sqsubseteq$	47		$\vdash$	4	4		Ш	Ш	Ш	$\dashv$	L		97	_	_	_		_	4	4		_	-		147	_	Ш	Ш	$ldsymbol{ldsymbol{ldsymbol{eta}}}$	Ш	Ш		_	
	48			4	4		Ш	Ш	$\sqcup$	_	<u> </u>		98		_	_		_	4	4	4		ļ		148	_			L		Щ		_	_
<u> </u>	49			4	4	_	Ш	Щ	$\sqcup$	_	$\vdash$		99		_	_	_	_	_	$\dashv$	4	4	ļ		149	_	Щ	Ш	$oxed{oxed}$	Ш	Ш	_	_	
	50			-							L		100				$_{\perp}$					╝	L		150									